

Title (en)  
SHEAR SPRING USEFUL FOR VEHICLE SUSPENSION

Title (de)  
SCHERFEDER FÜR FAHRZEUGAUFHÄNGUNG

Title (fr)  
RESSORT DE CISAILEMENT UTILE POUR UNE SUSPENSION DE VÉHICULE

Publication  
**EP 3024674 B1 20200722 (EN)**

Application  
**EP 14729537 A 20140501**

Priority  
• US 201313950873 A 20130725  
• US 2014036366 W 20140501

Abstract (en)  
[origin: WO2015012930A1] A shear spring (350) having a base plate (380) having a flat upper surface, and an upper plate (360) having a V-shaped upper surface opposite the base plate (380) adapted to mate with a corresponding V-shaped surface positioned on a side wall of a spring mount, the upper plate (360) having a flat lower surface parallel to the flat upper surface of the base (380), and an elastomeric material (372, 374) positioned between the flat upper surface of the base plate (380) and the flat lower surface of the upper plate (360).

IPC 8 full level  
**B60G 11/24** (2006.01); **B60G 5/02** (2006.01); **B60G 7/04** (2006.01); **B60G 11/42** (2006.01); **F16F 1/371** (2006.01); **F16F 1/40** (2006.01); **F16F 1/44** (2006.01); **F16F 1/50** (2006.01)

CPC (source: EP)  
**B60G 5/02** (2013.01); **B60G 7/04** (2013.01); **B60G 11/24** (2013.01); **B60G 11/42** (2013.01); **F16F 1/371** (2013.01); **F16F 1/403** (2013.01); **F16F 1/50** (2013.01); **B60G 2200/318** (2013.01); **B60G 2202/142** (2013.01); **B60G 2202/1422** (2013.01); **B60G 2202/143** (2013.01); **B60G 2204/125** (2013.01); **B60G 2204/41** (2013.01); **B60G 2204/44** (2013.01); **B60G 2204/4502** (2013.01); **B60G 2206/013** (2013.01); **B60G 2206/60** (2013.01); **B60G 2206/601** (2013.01); **B60G 2206/8207** (2013.01); **B60G 2300/026** (2013.01); **B60G 2300/0262** (2013.01); **B60G 2300/042** (2013.01); **B60G 2300/10** (2013.01)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2015012930 A1 20150129**; AU 2014293612 A1 20160128; AU 2014293612 A8 20160901; AU 2014293612 B2 20160825; CA 2919084 A1 20150129; CA 2919084 C 20170307; CN 105392645 A 20160309; CN 105392645 B 20171114; EP 3024674 A1 20160601; EP 3024674 B1 20200722; MX 2016001047 A 20160415

DOCDB simple family (application)  
**US 2014036366 W 20140501**; AU 2014293612 A 20140501; CA 2919084 A 20140501; CN 201480042050 A 20140501; EP 14729537 A 20140501; MX 2016001047 A 20140501